HANS W. RASMUSSEN

Laboratory

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DEPT. OF THE INTERIOR

Bureau of Land Managemen House Range/Warm Springs R.A.

April 17. 1995

Mr. Rex Rowlev Area Manager Warm Springs Resource Area Bureau Of Land Management

SELF CONTAINED ON TRAILER

Reference: Mr. Garv Wardle

Natural Resource Holding. LLC.

1610 East 3970 South # 21 Salt Lake City. Utah

BLM File # E 027 034

April 5. 1994

Dear Mr. Rowlev:

Thank you for your response and data concerning the Notch Peak area Tungsten Deposit.

We will be adding an air flotation circuit to Mr. Wardle's current mining equipment plan for the purpose of recovering Tungsten fines that would normally be lost in the gravity (see enclosed flowsheet). concentration process.

The Flotation process involves conditioning the ore or "Pulp" with a collector and a frother the pulp is then transferred to a flotation cell. Air is dispersed throughout the pulp in the form of fine bubbles. The Tungsten which is coated with the collector becomes attached to the air bubbles which rise to the surface and are skimmed off as a mineralized froth. The gangue minerals that remain wet by water stay behind as the tailings product.

The mineralized froth which contains most of the flotation chemicals added in the conditioning step will be shipped to the Mesquite Mill in Nevada for further processing. Water is recycled.

Chemicals used in the flotation process:

CONDITION:

Sodium Carbonate..... 500 grams / ton: For water hardness control.

COLLECTOR:

Aero 845 / Fuel oil:..................200 grams / ton. 50% Aero 845 / 50% Fuel oil. Emulsion. MSDS enclosed.

FROTHER:

As mentioned above, most if not all, of the collector and frother report with the flotation concentrates and are shipped to the refiner.

Let me know if there is any additional data you need.

Sincerely

Hars W. Rasmussen

